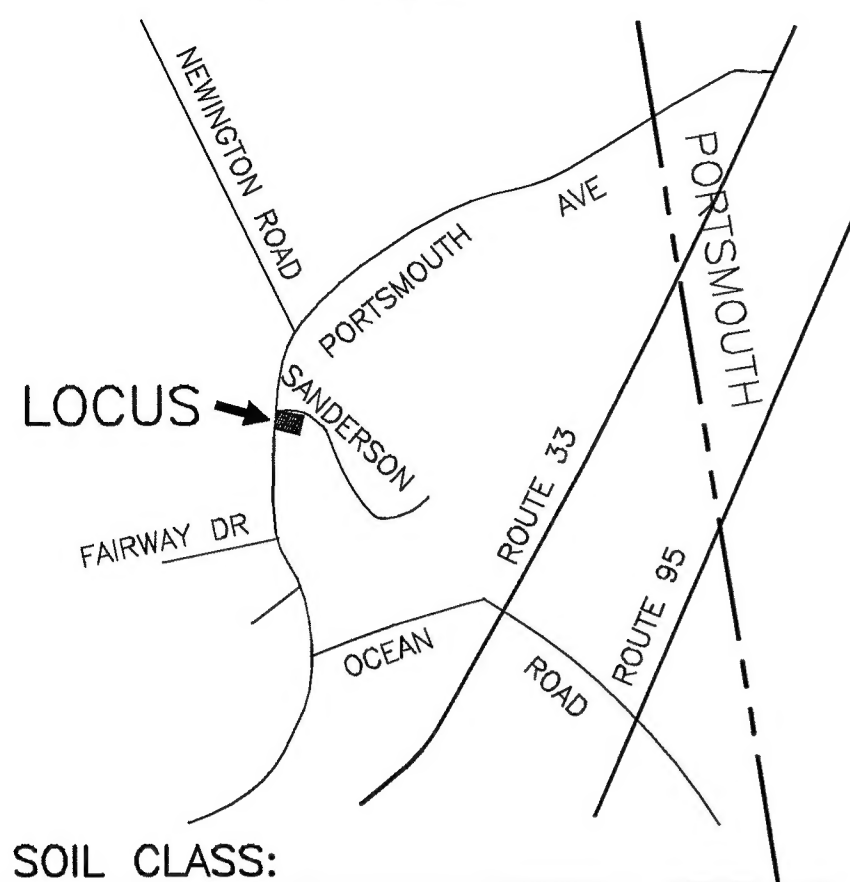


## LOCUS MAP

NOT TO SCALE



### SOIL CLASS:

(SOURCE: USDA-SCS SOIL SURVEY)

### BENCH MARKS: DATUM = ASSUMED

#1 SET PK 1' UP IN U POLE EL 48.93

#2 SET HUB EL 50.00

#3 SET HUB EL 49.31

### DESIGN INTENT:

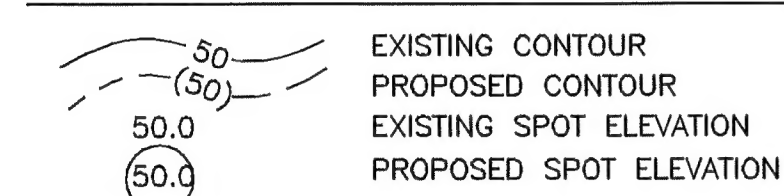
1. THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM SHALL BE CONSTRUCTED AT ELEVATION 50.0

WHICH IS APPROX 12" BELOW EXISTING GRADE (EL. GROUND ON THE HIGH CONTOUR THE DESIGNED EDS. 51.0)

### SUITABLE REPLACEMENT AREA:

SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.

### LEGEND:



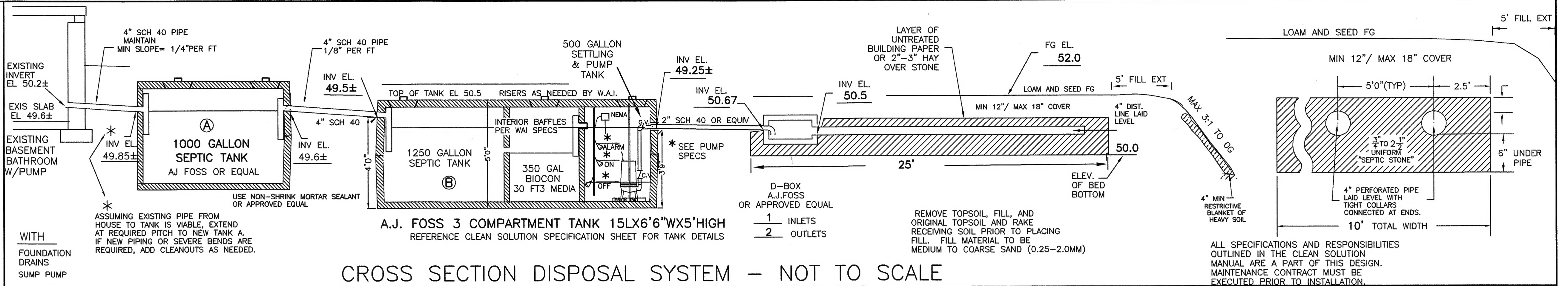
### NOTES:

1. THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE:  
RCRD 5069-2038

2. NHDES-WS&PCD SUBDIVISION APPROVAL NUMBER: N/A LOT OF RECORD PRE-1967  
REFERENCE RCRD 1612-190 (1961)

3. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL, JACUZZI BATH, OR HOT TUB. DRAINAGE FROM EXISTING HOT TUB AND/OR BACKWASH FROM WATER SOFTENER SYSTEMS SHOULD BE DISCHARGED TO A SEPARATE DRYWELL. DO NOT EMPTY HOT TUB INTO NEW SYSTEM.

4. NO SURFACE WATER, WELL, HYDRIC A WITHIN 75' AND NO HYDRIC B WITHIN 50' OF SYSTEM



## CROSS SECTION DISPOSAL SYSTEM - NOT TO SCALE

PLAN : 1"=20'

## PUMP SPECIFICATIONS

PUMP SELECTION AND PIPING BY WASTEWATER ALTERNATIVES. STA-RITE EC 440 4/10 HP OR APPROVED EQUIVALENT. FLOATS TO BE SET TO WASTEWATER ALTERNATIVES SPECIFICATIONS.

PREFERRED DOSAGE: 100 GALLONS PER CYCLE FOR 4.5 CYCLES PER DAY BASED ON 450 GPD DESIGN LOADING. PREFERRED DELIVERY : MAXIMUM 50 GPM AT GIVEN TDH AND GALLONS PER CYCLE.

ELECTRICAL CONTROLS MUST BE APPROVED BY PUMP MANUFACTURER. ALL WASTEWATER ALTERNATIVES SPECIFICATIONS AS OUTLINED IN THE CONTRACT AND MAINTENANCE AGREEMENT SUBMITTED WITH THIS APPLICATION ARE TO BE CONSIDERED AN INTEGRAL PART OF THIS PLAN.

## TEST PIT DATA

DATE: DECEMBER 8, 2009

TOWN INSPECTOR: BOB CUSHMAN

TEST PIT #1 EL 50.8

0 - 8" 10YR3/4 FINE SANDY LOAM TOPSOIL (TO BE REMOVED)  
8 - 40" 10YR4/4 GRAVELLY LOAMY COARSE SAND, GRANULAR FRIABLE  
40-52" 2.5Y5/4 VERY FINE SAND WITH SILTS, MASSIVE FRIABLE, INCREASING SILTS WITH DEPTH, MOTTLED, RESTRICTIVE

ESHWT @ 40", OBSERVED WATER @ 48", ROOTS TO 12", NO REFUSAL

## PERC TEST DATA

PERC RATE: N/A FOR CLEAN SOLUTION SYSTEM

DESIGN LOADING: EXISTING 3 BEDROOM HOUSE

DISPERSAL AREA REQUIRED: MINIMUM PER W.A.I. MANUAL FOR 3 BEDROOMS = 75 - 100 SQ FT.

DISPERSAL AREA PROPOSED: 10' X 25' = 250 SQ FT PROVIDED

## PROPOSED REPLACEMENT SEPTIC SYSTEM PLAN

EXISTING FAILED SYSTEM

LOCUS: 185 PORTSMOUTH AVENUE

GREENLAND, NH

TAX MAP U-8 LOT 37

OWNER: ROBERT & ALLISON HOPLEY

185 PORTSMOUTH AVENUE

GREENLAND, NH 03840



APPLICANT:  
STOCKTON SERVICES  
PO BOX 1306  
HAMPTON, NH 03842  
603 929-7404

DATE: JANUARY 5, 2010

APPROVAL: CA2010099785

SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS

TERMS OF MAINTENANCE CONTRACT SUBMITTED WITH APPLICATION FOR SYSTEM APPROVAL.

ENV-WS 1023.01 (a) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR.  
(b) WHEN THE COMBINED THICKNESS OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER.  
ENV-WS 1023.02 TO PREVENT OBSTRUCTION OF THE DISTRIBUTION LINES AND LEACH FIELD, GREASE AND BULKY WASTE SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.

ENV-WS 1023.03 TOXIC AND HAZARDOUS MATERIALS SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.  
ENV-WS 1023.04 TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND LEACH FIELD, VEHICLES, LIVESTOCK, AND OTHER HEAVY OBJECTS SHALL NOT BE ALLOWED ON THE LEACH FIELD.  
ENV-WS 1023.05 IF WET AREAS APPEAR ON THE GROUND SURFACE ABOVE THE DISTRIBUTION LINES OR LEACH FIELD OR IF DISAGREEABLE ODORS OCCUR, THE SYSTEM SHALL BE INSPECTED FOR THE SOURCE OF THESE PROBLEMS, AND CORRECTIVE ACTION SHALL BE TAKEN.